

IN THE CLAIMS:

The text of all pending claims are set forth below. Cancelled and withdrawn claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (previously amended), (cancelled), (withdrawn), (new), (previously added), (reinstated - formerly claim #), (previously reinstated), (re-presented - formerly dependent claim #) or, (previously re-presented).

Please CANCEL claim 2-15, in accordance with the following:

1. (original) Method for the determining the position of a mobile object (MT) using at least one radio signal with a rotating transmission characteristic (1, 7, 9) of at least one reference station (BS),

characterized in that

- the mobile object (MT) when detecting the radio signal checks for the presence of a reference event (t0, t4, ..., SFN0, SFN4, ...), with the relationship between the orientation of the transmission characteristic (1, 7, 9) and reference events (t0, t4, ..., SFN0, SFN4, ...) being known to the mobile object (MT) and defined data structures or data content (SFN0, SFN4, ...) of the radio signal being communicated as reference events, and

- the mobile object (MT) determines the orientation of the transmission characteristic (1, 7, 9) from the reference event (t0, t4, ..., SFN0, SFN4, ...), and

determines a position relative to the reference station (BS) from the orientation of the transmission characteristic (1, 7, 9).

2-15 (cancelled)